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NEWS 1      Web Page for STN Seminar Schedule - N. America
NEWS 2 JUL 02 LMEDLINE coverage updated
NEWS 3 JUL 02 SCISEARCH enhanced with complete author names
NEWS 4 JUL 02 CHEMCATS accession numbers revised
NEWS 5 JUL 02 CA/Caplus enhanced with utility model patents from China
NEWS 6 JUL 16 Caplus enhanced with French and German abstracts
NEWS 7 JUL 18 CA/Caplus patent coverage enhanced
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
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NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags
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patents
NEWS 13 AUG 20 CA/Caplus enhanced with CAS indexing in pre-1907 records
NEWS 14 AUG 27 Full-text patent databases enhanced with predefined
patent family display formats from INPADOCDB
NEWS 15 AUG 27 USPATOLD now available on STN
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spectral property data
NEWS 17 SEP 07 STN AnaVist, Version 2.0, now available with Derwent
World Patents Index
NEWS 18 SEP 13 FORIS renamed to SOFIS
NEWS 19 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 20 SEP 17 CA/Caplus enhanced with printed CA page images from
1967-1998
NEWS 21 SEP 17 Caplus coverage extended to include traditional medicine
patents
NEWS 22 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 23 OCT 02 CA/Caplus enhanced with pre-1907 records from Chemisches
Zentralblatt
NEWS 24 OCT 19 BEILSTEIN updated with new compounds
NEWS 25 NOV 15 Derwent Indian patent publication number format enhanced
NEWS 26 NOV 19 WPIX enhanced with XML display format

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS    STN Operating Hours Plus Help Desk Availability
NEWS LOGIN    Welcome Banner and News Items
NEWS IPC8     For general information regarding STN implementation of IPC 8

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Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:48:34 ON 29 NOV 2007

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:48:45 ON 29 NOV 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 28 NOV 2007 HIGHEST RN 956214-95-2

DICTIONARY FILE UPDATES: 28 NOV 2007 HIGHEST RN 956214-95-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdnoc/properties.html>

=> e variegatic acid/cn

E1	1	VARIECOXANTHONE B/CN
E2	1	VARIECOXANTHONE C/CN
E3	1 -->	VARIEGATIC ACID/CN
E4	1	VARIEGATIC ACID DILACTONE TETRAACETATE/CN
E5	1	VARIEGATIC ACID LACTONE ACETATE/CN
E6	1	VARIEGATIC DILACTONE/CN
E7	1	VARIEGATINE/CN
E8	1	VARIEGATORUBIN/CN
E9	1	VARIEGATUSIDE A/CN
E10	1	VARIEGATUSIDE B/CN
E11	1	VARIFOAM YM/CN
E12	1	VARIFOS 2611/CN

=&gt; s e3

L1 1 "VARIEGATIC ACID"/CN

=&gt; d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 20988-30-1 REGISTRY

ED Entered STN: 16 Nov 1984

CN Benzeneacetic acid,  $\alpha$ -[4-(3,4-dihydroxyphenyl)-3-hydroxy-5-oxo-2(5H)-furanylidene]-3,4-dihydroxy-, ( $\alpha$ E)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN A2(5H), $\alpha$ -Furanacetic acid,  $\alpha$ ,4-bis(3,4-dihydroxyphenyl)-3-hydroxy-5-oxo- (8CI)

OTHER NAMES:

CN Variegatic acid

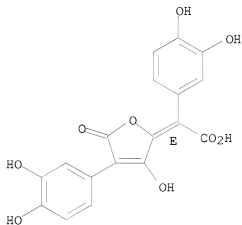
FS STEREOSEARCH

MF C18 H12 O9

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, CA, CAPLUS, CASREACT, NAPRALERT, TOXCENTER

(\*File contains numerically searchable property data)

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

14 REFERENCES IN FILE CA (1907 TO DATE)

14 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=&gt; log hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.35

7.56

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 11:49:09 ON 29 NOV 2007

Connecting via Winsock to STN

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\*\*\*\*\* Welcome to STN International \*\*\*\*\*

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NEWS 7 JUL 18 CA/CAPLUS patent coverage enhanced  
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification  
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NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags  
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NEWS 12 AUG 13 CA/CAPLUS enhanced with additional kind codes for granted patents  
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NEWS 16 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data  
NEWS 17 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index  
NEWS 18 SEP 13 FORIS renamed to SOFIS  
NEWS 19 SEP 13 INPADOCDB enhanced with monthly SDI frequency  
NEWS 20 SEP 17 CA/CAPLUS enhanced with printed CA page images from 1967-1998  
NEWS 21 SEP 17 CAPLUS coverage extended to include traditional medicine patents  
NEWS 22 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements  
NEWS 23 OCT 02 CA/CAPLUS enhanced with pre-1907 records from Chemisches Zentralblatt  
NEWS 24 OCT 19 BEILSTEIN updated with new compounds  
NEWS 25 NOV 15 Derwent Indian patent publication number format enhanced  
NEWS 26 NOV 19 WPIX enhanced with XML display format  
  
NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 14:31:34 ON 29 NOV 2007

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CAPLUS' ENTERED AT 14:32:21 ON 29 NOV 2007

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FILE COVERS 1907 - 29 Nov 2007 VOL 147 ISS 23

FILE LAST UPDATED: 28 Nov 2007 (20071128/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s polyphenol or diphenol or hydroquinone or benzenediol or quinone

17010 POLYPHENOL

17430 POLYPHENOLS

25787 POLYPHENOL

(POLYPHENOL OR POLYPHENOLS)

4269 DIPHENOL

1850 DIPHENOLS

5614 DIPHENOL

(DIPHENOL OR DIPHENOLS)

47425 HYDROQUINONE

2698 HYDROQUINONES

48468 HYDROQUINONE

(HYDROQUINONE OR HYDROQUINONES)

```
10137 BENZENEDIOL
  329 BENZENEDIOLS
10253 BENZENEDIOL
      (BENZENEDIOL OR BENZENEDIOLS)
37454 QUINONE
19424 QUINONES
47009 QUINONE
      (QUINONE OR QUINONES)
L1  128067 POLYPHENOL OR DIPHENOL OR HYDROQUINONE OR BENZENEDIOL OR QUINONE

=> s color or colored
    452535 COLOR
    50099 COLORS
    477487 COLOR
      (COLOR OR COLORS)
    113061 COLORED
      11 COLOREDS
    113067 COLORED
      (COLORED OR COLOREDS)
L2  551417 COLOR OR COLORED

=> s l1 and l2
L3  8841 L1 AND L2

=> s alkali?
    569479 ALKALI?
    431040 ALK
      672 ALKS
    431400 ALK
      (ALK OR ALKS)
    25347 ALKY
      3 ALKIES
    25350 ALKY
      (ALKY OR ALKIES)
L4  862889 ALKALI?
      (ALKALI? OR ALK OR ALKY)

=> s base or basic or carbonate
    733629 BASE
    162691 BASES
    831700 BASE
      (BASE OR BASES)
    411799 BASIC
    3487 BASICS
    414909 BASIC
      (BASIC OR BASICS)
    313822 CARBONATE
    69658 CARBONATES
    347781 CARBONATE
      (CARBONATE OR CARBONATES)
L5  1534851 BASE OR BASIC OR CARBONATE

=> s l3 and l4
L6  1664 L3 AND L4

=> s l3 and (l4 or l5)
L7  2310 L3 AND (L4 OR L5)
```

=> deodorant or malodor  
 DEODORANT IS NOT A RECOGNIZED COMMAND  
 The previous command name entered was not recognized by the system.  
 For a list of commands available to you in the current file, enter  
 "HELP COMMANDS" at an arrow prompt (=>).

=> s deodorant or malodor  
 9118 DEODORANT  
 11531 DEODORANTS  
 13541 DEODORANT  
 (DEODORANT OR DEODORANTS)  
 2975 MALODOR  
 342 MALODORS  
 3201 MALODOR  
 (MALODOR OR MALODORS)  
 L8 16159 DEODORANT OR MALODOR

=> s l6 and l8  
 L9 3 L6 AND L8

=> d ibib abs 1-3

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2007:639905 CAPLUS  
 DOCUMENT NUMBER: 147:37951  
 TITLE: Hair dyes with decreased malodor and  
 improved color fastness  
 INVENTOR(S): Kanno, Manabu; Okamoto, Manabu; Shiso, Masayuki; Sano,  
 Mitsuo  
 PATENT ASSIGNEE(S): Mandom Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 14pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2007145783	A	20070614	JP 2005-345419	20051130
PRIORITY APPLN. INFO.:			JP 2005-345419	20051130

AB Hair dyes comprise (1) a first agent containing oxidative dyes and  
 alkalis; (2) a second agent containing oxidants; and (3) a third  
 agent containing protein hydrolyzates, nonionic surfactants, silicone oils,  
 and/or polyhydric alcs. Hairs are dyed with a mixture of the agents (1) and  
 (2) and applied with the third agent to prevent color fading.  
 For example, an oxidative hair comprised (1) a first agent containing  
 p-phenylenediamine, p-aminophenol, 5-amino-o-cresol, ammonium hydroxide,  
 polyoxyethylene cetyl ether, cetyl alc., oleyl alc., Na ascorbate, and  
 water; (2) a second agent containing H2O2 and water; and (3) a third agent  
 containing soy protein hydrolyzates, polyoxyethylene cetyl ether, sorbitan  
 monostearate, methylpolysiloxane, 3-methyl-1,3-butanediol,  
 stearyltrimethylammonium chloride, and water.

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2006:1031910 CAPLUS

DOCUMENT NUMBER: 145:403448  
 TITLE: Stable composition for hair dye with masked  
 malodor  
 INVENTOR(S): Nagano, Junko; Sugiyama, Kazuki; Matsumura, Yasuko;  
 Hoshino, Kunihide; Aida, Takashi  
 PATENT ASSIGNEE(S): Takasago International Corporation, Japan  
 SOURCE: U.S. Pat. Appl. Publ., 9pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006218730	A1	20061005	US 2006-384306	20060321
JP 2006282627	A	20061019	JP 2005-107223	20050404
KR 2006106904	A	20061012	KR 2006-30627	20060404
EP 1714637	A2	20061025	EP 2006-112222	20060404
EP 1714637	A3	20061102		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK,  
 BA, HR, IS, YU

CN 1853603	A	20061101	CN 2006-10073111	20060404
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PRIORITY APPLN. INFO.: JP 2005-107223 A 20050404

AB The present invention relates to a stable composition for hair dye, which comprises at least one compound selected from dihydrocitronellyl nitrile, 2,2,6-trimethylcyclohexane carboxylic acid Et ester, 2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol, 2,2,6-trimethylcyclohexyl-3-hexanol, 1-(2-methyl-2-propenyloxy)-2,2,4-trimethylpentan-3-ol, thioglycerin, di-Bu sulfide, thiogeraniol, thiocineol, 2-methyl-4-propyl-1,3-oxathian, 4-methoxy-2-methyl-2-butanethiol and the like. The stable composition for hair dye has a superior effect in masking a malodor originated from components such as ammonia formulated in hair dye composition, and is also stable in an alkaline product and an acidic solution product.

L9 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:570373 CAPLUS  
 DOCUMENT NUMBER: 141:88252  
 TITLE: Polyphenols of adzuki or kidney beans and  
 their manufacture  
 INVENTOR(S): Murakami, Seichi; Aizawa, Osamu; Kojima, Michiyuki;  
 Oba, Kiyoshi; Hosokawa, Shusaku  
 PATENT ASSIGNEE(S): Showa Shoji K. K., Japan; Tokachi Seian Co., Ltd.;  
 Zaidan Hojin Tokachiken Shinko Kiko  
 SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004196689	A	20040715	JP 2002-365058	20021217

PRIORITY APPLN. INFO.: JP 2002-365058 20021217



AB The polyphenols, useful as color fading inhibitors, deodorants, etc., are manufactured by treating exts. or soups of adzuki or kidney beans with ion exchange resins and/or activated C, elution with alkaline aqueous solns., H<sub>2</sub>O, and/or organic solvents (e.g., EtOH), and neutralization with acidic aqueous solns. An aqueous solution of Monascus pigment was mixed with a polyphenol solution isolated from adzuki beans and stored for 1 wk without change in color.

=> d his

(FILE 'HOME' ENTERED AT 14:31:34 ON 29 NOV 2007)

FILE 'CAPLUS' ENTERED AT 14:32:21 ON 29 NOV 2007

E HYDROQUINONE+ALL/CT  
E QUINONE+ALL/CT  
L1 128067 S POLYPHENOL OR DIPHENOL OR HYDROQUINONE OR BENZENEDIOL OR QUIN  
L2 551417 S COLOR OR COLORED  
L3 8841 S L1 AND L2  
L4 862889 S ALKALI?  
L5 1534851 S BASE OR BASIC OR CARBONATE  
L6 1664 S L3 AND L4  
L7 2310 S L3 AND (L4 OR L5)  
L8 16159 S DEODORANT OR MALODOR  
L9 3 S L6 AND L8

=> s l1 and l4 and l8  
L10 16 L1 AND L4 AND L8

=> s l10 not l9  
L11 13 L10 NOT L9

=> d ti 1-13

L11 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Liquid deodorant composition and method of deodorizing

L11 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Deodorants and deodorant resin compositions for removal of malodor of aldehydes

L11 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Thermoplastic resin foamed articles with good capture of malodor gases and their manufacture

L11 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Method for extraction of deodorant component from polyphenols for use as deodorant

L11 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Use of arylsulfatase inhibitors in deodorants and antiperspirants

L11 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Anticariogenic confectionery compositions providing enhanced oral care benefits

L11 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Method for production of polyphenol

L11 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Hair care composition comprising antioxidants

L11 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Method for polymerizing phenolic compounds or the like and use thereof

L11 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Polyphenol-oxidizing enzymes-containing composition and methods for treating porous article

L11 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Process for producing high-molecular-weight compounds of phenolic compounds, etc. and use thereof

L11 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Permanent-waving compositions using  $\alpha,\beta$ -unsatd. ketone-containing compounds or precursors thereof

L11 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Deodorant multilayer coatings

=> d ibib abs 1-13

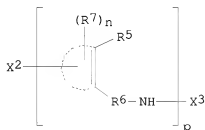
L11 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2007:1090915 CAPLUS  
 DOCUMENT NUMBER: 147:411974  
 TITLE: Liquid deodorant composition and method of deodorizing  
 INVENTOR(S): Hirano, Kyoko; Sugiyama, Kazuki; Kumamoto, Hiroyasu  
 PATENT ASSIGNEE(S): Takasago International Corporation, Japan  
 SOURCE: PCT Int. Appl., 39pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007108511	A1	20070927	WO 2007-JP55894	20070322
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

JP 2007252543 A 20071004 JP 2006-79797 20060322  
 PRIORITY APPLN. INFO.: JP 2006-79797 A 20060322  
 AB A two-component deodorant consists of a 1st deodorant component containing polyphenol and acid agent liquid mixture, and a 2nd deodorant component containing an alkali agent and an aqueous solvent. The deodorant efficiently eliminates mixed offensive odor including  $\geq 2$  of sulfurous compds., aldehydes, lower fatty acids, amines, etc.  
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT  
 L11 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2005:469954 CAPLUS  
 DOCUMENT NUMBER: 143:31211  
 TITLE: Deodorants and deodorant resin compositions for removal of malodor of aldehydes  
 INVENTOR(S): Harashina, Hatsuhiko  
 PATENT ASSIGNEE(S): Polyplastics Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 34 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005137601	A	20050602	JP 2003-377506	20031106

PRIORITY APPLN. INFO.: JP 2003-377506 20031106  
 OTHER SOURCE(S): MARPAT 143:31211  
 GI



AB The deodorants comprise active H-containing N compds. of (a) diketones [R1C(OR2)HCONR3]<sub>m</sub>X1 (R1 = alkyl, cycloalkyl, aryl, aralkyl, N,N-disubstituted amino, alkoxy; R2 = H, alkyl; R3 = H, alkyl, polymer residue; X1 = hydrocarbyl, linear heteroatom-containing residue, heterocycle, polymer residue; m = 1-50,000; when R3 = H and m = 1, X1 = C<sub>23</sub> hydrocarbyl, linear heteroatom-containing residue, heterocyclic), (b) enamines I (A1 = aromatic hydrocarbon ring; R5 = OH, mercapto, amino, N-monosubstituted amino; R6 = alkylene, carbonyl, SO, SO2; R7 = substituent; X2 = H, alkylene, carbonyl, O, S, SO, SO2; X3 = H, hydrocarbon residue, linear heteroatom-containing residue, heterocyclic; n = 0-3; p = 1-6; when X2 = H, X3 = p-valent residue; when X2 = direct bond or

divalent residue, X3 = monovalent residue and p = 2; when R5 = amino, X3 = hydrocarbon, linear heteroatom-containing residue, heterocyclic), (c) aromatic imidazolones, and/or (d) tetrazoles. The deodorant compns. containing the above deodorants and deodorant aids of basic N compds., weak acids or their metal salts, (hydrated) metal oxides, metal chlorides, alcs., polyphenols, and/or inorg. adsorbents are also claimed. The resin compns. contain resins and the deodorants or the deodorant compns. When the deodorants are mixed with resins, aldehyde emission from the resins is effectively suppressed.

L11 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:868223 CAPLUS

DOCUMENT NUMBER: 139:338834

TITLE: Thermoplastic resin foamed articles with good capture of malodor gases and their manufacture  
INVENTOR(S): Takahashi, Seiji; Iijima, Yoshiniko; Saji, Mikio; Hojo, Hiroshi; Kageyama, Kazuki

PATENT ASSIGNEE(S): JSP Co., Ltd., Japan; Dainichiseika Color and Chemical Mfg. Co., Ltd.; Tokyo Food Techno Co., Ltd.; Mitsui Norin Co., Ltd.

SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003313345	A	20031106	JP 2002-117990	20020419
PRIORITY APPLN. INFO.:			JP 2002-117990	20020419

AB The foamed articles are manufactured by adding 0.01-20% polyphenols and 0.05-10% a composition containing zinc compds., weak alkaline inorg. substances and silicic acid hydrates to polyethylene type resins with MFR 0.1-30 g/10 min and d ≤ 0.940 kg/m<sup>3</sup>, mixing with blowing agents, and extrusion foaming. Adding isobutane and butane to a composition containing polyethylene (MFR 4.5, d 0.916) a polyethylene matrix foaming regulator masterbatch, a polyethylene-type matrix antishrink masterbatch, a polyethylene matrix deodorizing masterbatch containing Mg(OH)<sub>2</sub>, ZnO, and zeolite, and a green tea extract, extruding into a foam sheet, and poking with a needle gave a sheet that captures malodorous gases such as NH<sub>3</sub> and HCHO.

L11 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:266897 CAPLUS

DOCUMENT NUMBER: 138:291916

TITLE: Method for extraction of deodorant component from polyphenols for use as deodorant

INVENTOR(S): Yamanaka, Shinichi; Ofuji, Takuo; Nakatsubo, Fumiaki

PATENT ASSIGNEE(S): Riritsu Kagaku Kogyo Kk, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003102821	A	20030408	JP 2001-305414	20011001
PRIORITY APPLN. INFO.:			JP 2001-305414	20011001

AB The method is carried out by extraction of substance containing polyphenols, e.g., Rooibos tea, by alkaline aqueous solution, followed by pH adjustment, to obtain extract suitable as deodorant to remove mercaptan odor.

L11 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:924299 CAPLUS

DOCUMENT NUMBER: 138:8249

TITLE: Use of arylsulfatase inhibitors in deodorants and antiperspirants

INVENTOR(S): Banowski, Bernhard; Hoffmann, Daniele; Wadle, Armin; Siegert, Petra; Saettler, Andrea; Gerke, Thomas

PATENT ASSIGNEE(S): Henkel Kgaa, Germany

SOURCE: Ger. Offen., 22 pp.  
CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10137901	A1	20021205	DE 2001-10137901	20010802
WO 2001099376	A3	20021121	WO 2001-EP10213	20010905
W: AU, CZ, EE, HR, HU, IN, LT, LV, NO, NZ, PL, RO, SI, SK, UA				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
PRIORITY APPLN. INFO.:			DE 2001-10126667	A1 20010601
			DE 2001-10137901	A 20010802

OTHER SOURCE(S): MARPAT 138:8249

AB The invention concerns the use of arylsulfatase inhibitors in deodorants and antiperspirants to decrease body odor caused by decomposition of steroid esters. Deodorant sticks, microemulsion sprays, roll-ons and deodorant tissues are prepared. Thus a water-free deodorant stick included (weight/weight%): silicon oil DC 245 28; Eutanol G16 10; Ucon Fluid AP 5; Cutina HR 6; Lorol C18 20; Emulgin B3 3; aluminum chlorohydrate 20; talc 8;  $\alpha$ -hydroxylauric acid 0.1.

L11 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:888451 CAPLUS

DOCUMENT NUMBER: 137:369113

TITLE: Anticariogenic confectionery compositions providing enhanced oral care benefits

INVENTOR(S): Lawlor, Thomas Mark; Ji, Ning; Zhu, Long

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 37 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002091848	A1	20021121	WO 2002-US15267	20020514
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002311921	A1	20021125	AU 2002-311921	20020514
US 2003049303	A1	20030313	US 2002-146247	20020515
US 6703000	B2	20040309		

PRIORITY APPLN. INFO.: US 2001-291177P P 20010515  
WO 2002-US15267 W 20020514

AB A confectionery composition comprises: (i) an effective amount of a natural plant extract selected from tea, gold thread, honeysuckle, magnolia exts. and mixts. thereof; (ii) an oral care active selected from the group consisting of anti-calculus agents; anti-plaque agents; fluoride ion source; desensitizing agents; oral malodor control agents; H2 antagonists; and mixts. thereof; (iii) less than about 10% water; and (iv) a suitable confectionery carrier material. The present invention relates to stable portable oral care confectionery compns. which provide enhanced oral malodor benefits in combination with one or more further oral care benefits. Thus, a hardboiled candy comprises sugar 56.99, glucose 38.0, water 3.0, gold thread extract 0.5, sodium polyphosphate 5.0, and flavor 1.0%.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:654416 CAPLUS

DOCUMENT NUMBER: 133:220348

TITLE: Method for production of polyphenol

INVENTOR(S): Hasuda, Ichiro; Iwasaki, Akira; Tawara, Hiroyuki

PATENT ASSIGNEE(S): Hasegawa Koryo Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000256345	A	20000919	JP 1999-54653	19990302
			JP 1999-54653	19990302

PRIORITY APPLN. INFO.: JP 1999-54653

AB The title method involves : (1) extracting a plant material with water at  $\leq 40^\circ$ ; (2) treating the residue in step 1 with alk water at  $\leq 70^\circ$ ; (3) treating the aqueous extract obtained in step 1 with an adsorbent; (4) combining the liqs. obtained in steps 2 and 3. Thus, green tea 400 g was extracted with water 4000 g at  $40^\circ$  to give an

aqueous extract (hereafter referred to as AQ) 3040 g; the residue was extracted with 0.5% aqueous NaOH 4000 g at 95 to 98° to give an alkaline aqueous extract (AAQ) 3450 g; AQ was passed through a HP-20 adsorbent column for adsorption of tea polyphenols; the column was washed with water; ethanol 1200 g was then passed through the column to give an extract of polyphenols (EF) 1156 g; AAQ 3450 g and EF 1156 g were combined and evaporated to give tea polyphenols 129 g.

L11 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:98247 CAPLUS  
DOCUMENT NUMBER: 132:141685  
TITLE: Hair care composition comprising antioxidants  
INVENTOR(S): Venkateswaran, Ananthanarayan; Tian, Minmin; Yokogi, Junichi  
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA  
SOURCE: PCT Int. Appl., 47 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006094	A1	20000210	WO 1998-US15756	19980729
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9886708	A1	20000221	AU 1998-86708	19980729
PRIORITY APPLN. INFO.:			WO 1998-US15756	A 19980729
AB The present invention relates to a hair care composition comprising an organic antioxidant, an inorg. reducing agent selected from the group consisting of alkali metal sulfites, alkali metal bisulfites, alkali metal monopersulfates, alkali metal bisulfates, ammonium sulfite, ammonium bisulfite, ammonium persulfate, and mixts. thereof; a hair conditioning agent, and an aqueous carrier. The use of inorg. reducing agents substantially reduces malodor and/or discoloration of the hair care composition due to the oxidation of organic antioxidants over time. A conditioning shampoo contained ammonium laurth-3-sulfate 10, ammonium lauryl sulfate 2, N-cocoyl-L-glutamate 4, cocamidopropylbetaine 4, ethylene glycol distearate 1.5, cetyl alc. 0.5, stearyl alc. 0.4, cocamide MEA 1.5, silicone emulsion (dimethiconol) 2, silicone emulsion (polydimethylsiloxane) 2, perfumes 0.5, panthenol 0.025, panthenyl Et ether 0.25, vitamin E 0.005, sodium sulfite 0.1, DMDM hydantoin 0.37, NaCl 0.2, and deionized water q.s. to 100 %.				
REFERENCE COUNT:		4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT	

L11 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:527448 CAPLUS  
DOCUMENT NUMBER: 129:174725

TITLE: Method for polymerizing phenolic compounds or the like and use thereof  
 INVENTOR(S): Echigo, Takashi; Yoneda, Tadashi; Aoki, Hirobumi; Ohno, Ritsuko  
 PATENT ASSIGNEE(S): Showa Denko K.K., Japan  
 SOURCE: PCT Int. Appl., '73 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9832871	A1	19980730	WO 1998-JP172	19980119
W: AU, BR, CA, CN, ID, KR, NO, NZ, RU, SG, US, VN				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 10262690	A	19981006	JP 1998-5865	19980114
AU 9854974	A	19980818	AU 1998-54974	19980119
PRIORITY APPLN. INFO.:			JP 1997-9728	A 19970122
			WO 1998-JP172	W 19980119

AB A method for polymerizing phenolic compds. or the like with a polyphenol oxidase having a optimal reaction pH on the alk . side; compns. prepared by using the above method, such as a thickener, a stabilizer, a coagulant, an emulsifier, a dispersant, a water retaining agent, a humidity conditioning agent, an antioxidant, an adhesive, a dye, a coating agent, a rust preventive, a flame retardant, a petroleum recovering agent, a soil conditioner, a stabilizer for a surface soil sprayed with a seed, a deodorizer, a deodorant, an agricultural chemical spreading agent, a deoxydizer, a preservative, a disinfectant, an antimicrobial agent, a viral infection inhibitor, an organism deposition inhibitor, an organism repellent, an insecticide, an insect repellent, a cataplasm, an ink base, a concrete admixt., and a wood treatment; processes for preparing the above compns.; a method for treating soil; a method for treating a porous article; and a treated porous article and a process for preparing the same.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1998:398403 CAPLUS  
 DOCUMENT NUMBER: 129:38129  
 TITLE: Polyphenol-oxidizing enzymes-containing composition and methods for treating porous article  
 INVENTOR(S): Echigo, Takashi; Ohno, Ritsuko  
 PATENT ASSIGNEE(S): Showa Denko K.K., Japan; Echigo, Takashi; Ohno, Ritsuko  
 SOURCE: PCT Int. Appl., '72 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9824890	A1	19980611	WO 1997-JP3798	19971021



W: AU, BR, CA, CN, ID, KR, NO, NZ, RU, SG, US, VN  
 RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE  
 JP 10218999 A 19980818 JP 1997-142386 19970530  
 CA 2274248 A1 19980611 CA 1997-2274248 19971021  
 AU 9745746 A 19980629 AU 1997-45746 19971021  
 AU 736563 B2 20010802  
 EP 953634 A1 19991103 EP 1997-944193 19971021  
 EP 953634 B1 20060607  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI  
 NZ 336135 A 20000929 NZ 1997-336135 19971021  
 AT 329013 T 20060615 AT 1997-944193 19971021  
 NO 9902742 A 19990806 NO 1999-2742 19990604  
 US 2003017565 A1 20030123 US 1999-319384 19990604  
 PRIORITY APPLN. INFO.: JP 1996-327252 A 19961206  
 JP 1997-142386 A 19970530  
 WO 1997-JP3798 W 19971021

AB Disclosed is a method for treating a porous article to increase its mol.  
 weight by coating or impregnating with a composition containing an enzyme  
 having a

polyphenol oxidation activity in an alkaline pH region, a  
 phenolic compound, and/or an aromatic amine compound. The process is to improve  
 its property such as strength, abrasion resistance, weather resistance,  
 rust resistance, flame retardancy, antimicrobial property, preservative  
 property, germicidal property, insecticidal property, insect repellency,  
 antiviral property, biol. repellency, adhesion, sustained release of  
 chems., coloring, dimensional stability, cracking resistance,  
 deodorant property, deoxygenation, humidification, water  
 absorption, water repellency, surface smoothness, biol. affinity, ion  
 exchange property, and formaldehyde absorption. The process also prevents  
 chemical leaching and inorg. compds. from migrating onto the surface of the  
 porous article. Polyphenol oxidase prepared from Myrothecium  
 verrucaria was mixed with lignin sulfonate, cupric sulfate, ethylene  
 diamine, and other compds. such as hinokitiol for the impregnation of  
 cedar wood blocks at >pH 8 was demonstrated.

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1998:1588 CAPLUS  
 DOCUMENT NUMBER: 128:60795  
 TITLE: Process for producing high-molecular-weight compounds  
 of phenolic compounds, etc. and use thereof  
 INVENTOR(S): Echigo, Takashi; Ohno, Ritsuko  
 PATENT ASSIGNEE(S): Showa Denko K. K., Japan; Echigo, Takashi; Ohno,  
 Ritsuko  
 SOURCE: PCT Int. Appl., 42 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9746694	A1	19971211	WO 1997-JP1694	19970520
W: AU, BR, CA, CN, KR, NO, NZ, RU, SG, US, VN				

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE  
 JP 09322784 A 19971216 JP 1996-144200 19960606  
 JP 3320307 B2 20020903  
 CA 2257551 A1 19971211 CA 1997-2257551 19970520  
 AU 9727908 A 19980105 AU 1997-27908 19970520  
 AU 722571 B2 20000803  
 CN 1217752 A 19990526 CN 1997-194441 19970520  
 CN 1078614 B 20020130  
 EP 919628 A1 19990602 EP 1997-922111 19970520  
 EP 919628 B1 20041117

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI  
 AT 282709 T 20041215 AT 1997-922111 19970520  
 US 6190891 B1 20010220 US 1998-202041 19981207  
 US 2001007762 A1 20010712 US 2000-742217 20001222  
 US 6537546 B2 20030325  
 CN 1312150 A 20010912 CN 2001-110963 20010307  
 JP 2002356405 A 20021213 JP 2002-121826 20020424  
 JP 3672888 B2 20050720

## PRIORITY APPLN. INFO.:

JP 1996-144200 A 19960606  
 WO 1997-JP1694 W 19970520  
 US 1998-202041 A3 19981207

AB A process for producing high-mol.-weight compds. of phenolic or aromatic amine compds. by the action of a catalyst comprising an enzyme having a polyphenol oxidizing activity in the alkali region; applications of the polymeric compds. obtained by the above process to thickener, stabilizer, coagulant, emulsifier, dispersant, water retainer, antioxidant, adhesive, concrete admixt., dye, coating material, petroleum recovering agent, soil conditioner, a blow-applied seed bearing surface soil stabilizer, deodorant, smell eliminator, pesticide spreader, feed binder, bactericide, antimicrobial drug, viral infection inhibitor, bioadhesion preventive, biotic repellent, insecticide, cataplasma, ink base or wood treatment; and a method for wastewater treatment, antioxidn., wood treatment, bioremediation, and concrete treatment were claimed.

L11 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:231360 CAPLUS

DOCUMENT NUMBER: 122:16836

TITLE: Permanent-waving compositions using  $\alpha,\beta$ -unsatd. ketone-containing compounds or precursors thereof

INVENTOR(S): Kubo, Sanae; Schultz, Thomas M.

PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan

SOURCE: U.S., 10 pp. Cont. of U.S. Ser. No. 898,420, abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5352443	A	19941004	US 1993-67346	19930525
PRIORITY APPLN. INFO.:			US 1993-67346	B1 19930525
			US 1992-898420	19920615

OTHER SOURCE(S): MARPAT 122:16836

AB An improvement permanent waving lotion is attained by incorporating into an otherwise conventional composition an organic compound having  $\geq 1$  function position definable as an  $\alpha, \beta$ -unsatd. ketone in conjunction with a carbon-carbon double bond. By employing the present invention, improved curl formation is attained and the malodor typically associated with permanently waved hair is substantially eliminated. Comps. incorporating the desired alpha, beta-unsatd. ketone (e.g. hematin, D&C Yellow Number 8) can be used directly in the permanent waving lotion, or chemical precursors (catechol, 4-hydroxyindole, etc.) can be employed to produce the desired alpha, beta-unsatd. ketone when exposed to oxidation or to alkaline materials. Formulations are included. When the comps. of the invention were used a normal manner, tighter curls were formed and virtually no malodor was sensed, when compared to convention prior art permanent waving applications.

L11 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1989:175291 CAPLUS

DOCUMENT NUMBER: 110:175291

TITLE: Deodorant multilayer coatings

INVENTOR(S): Murakami, Shinichi; Takitani, Akira; Takeuchi, Hisayoshi

PATENT ASSIGNEE(S): Shikoku Chemicals Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63276534	A	19881114	JP 1987-113351	19870507
			JP 1987-113351	19870507

PRIORITY APPLN. INFO.:

AB The title coatings contain an acid odor-removing layer formed from a composition at pH 8.0-11.0 and an alkali odor-removing layer formed from a composition at pH 2.0-6.0. A typical acid odor-removing composition (pH 5.8)

contained a vinyl acetate polymer emulsion and  $\text{FeSO}_4$ , and an alkali-removing composition (pH 8.5) contained an acrylic-styrene emulsion and a polyphenyl of plant origin. Paper was coated with these comps. to obtain a specimen showing good deodorization efficiency for  $\text{NH}_3$  and  $\text{H}_2\text{S}$ .

=&gt; log hold

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST

82.88 83.09

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE TOTAL

ENTRY SESSION

CA SUBSCRIBER PRICE

-12.48 -12.48

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 14:41:05 ON 29 NOV 2007